

FIG. 1

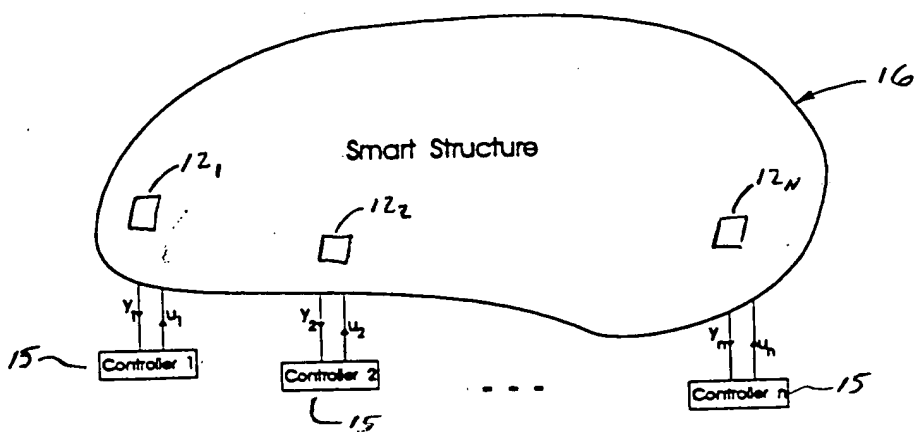


FIG. 2

FIG. 3A

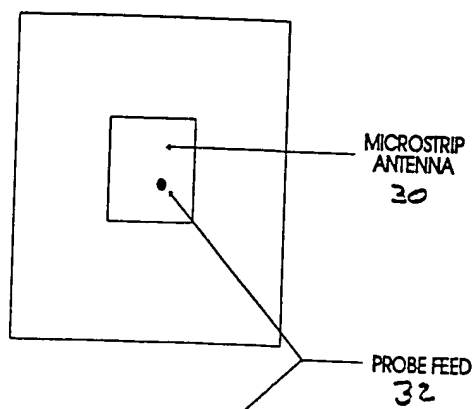
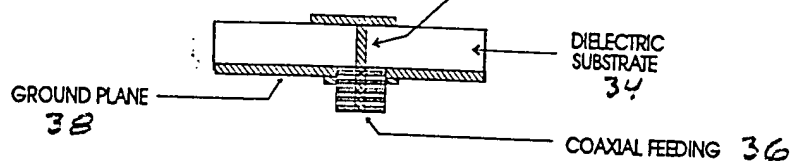


FIG. 3B

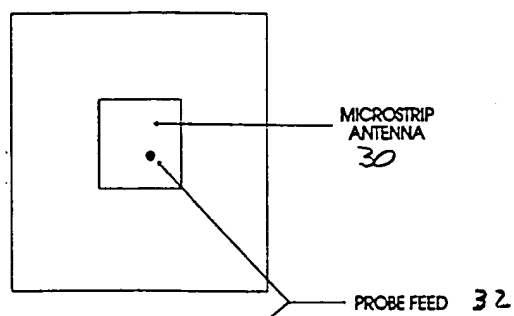


DIELECTRIC
SUBSTRATE
34

GROUND PLANE
38

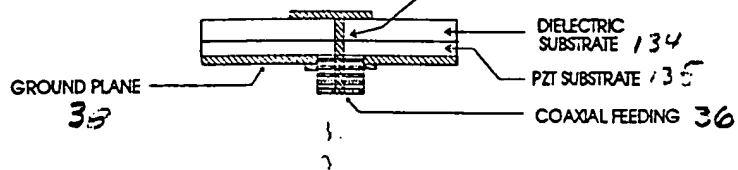
COAXIAL FEEDING 36

FIG. 4A



- PROBE FEED 32

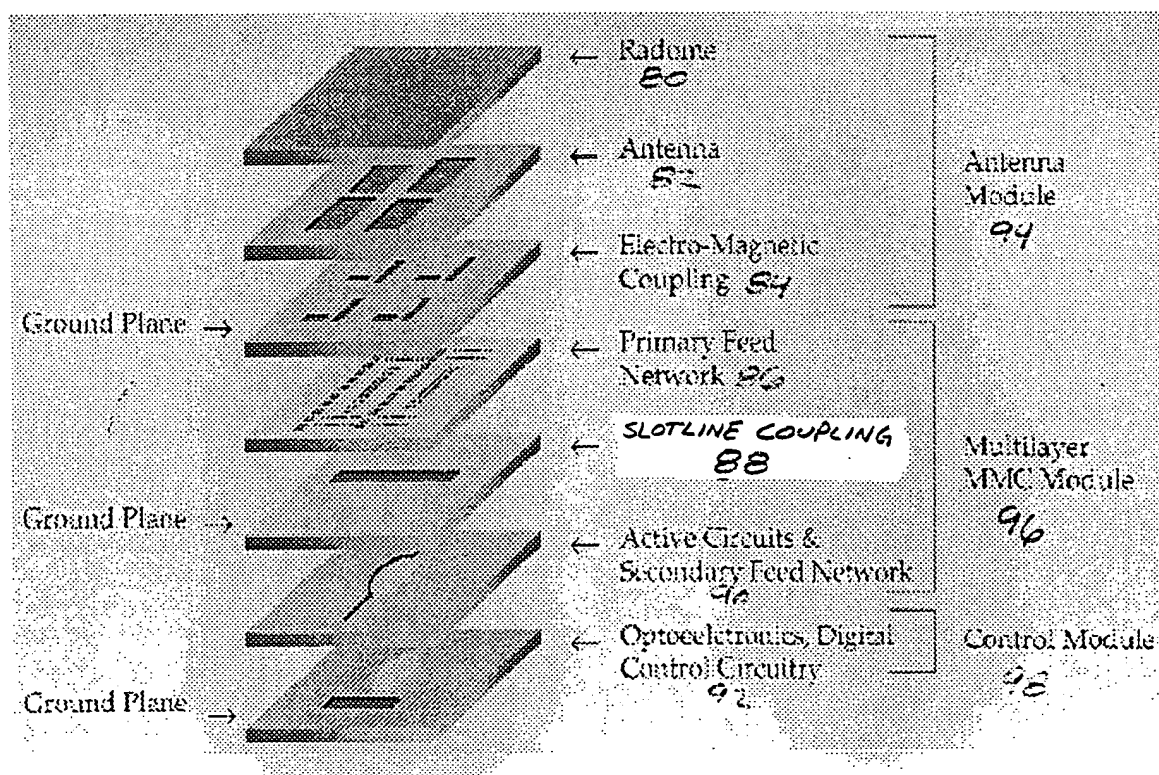
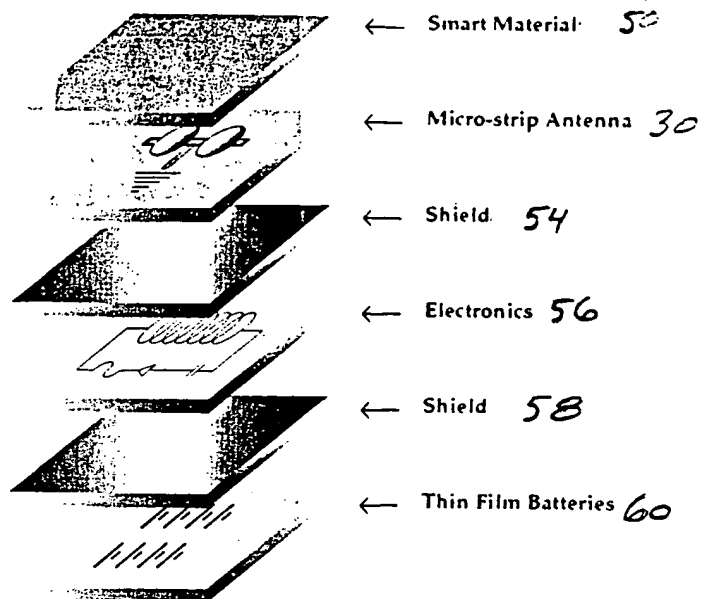
FIG. 4B



- PZT SUBSTRATE / 3

GROUND PLANE
35

COAXIAL FEEDING 36



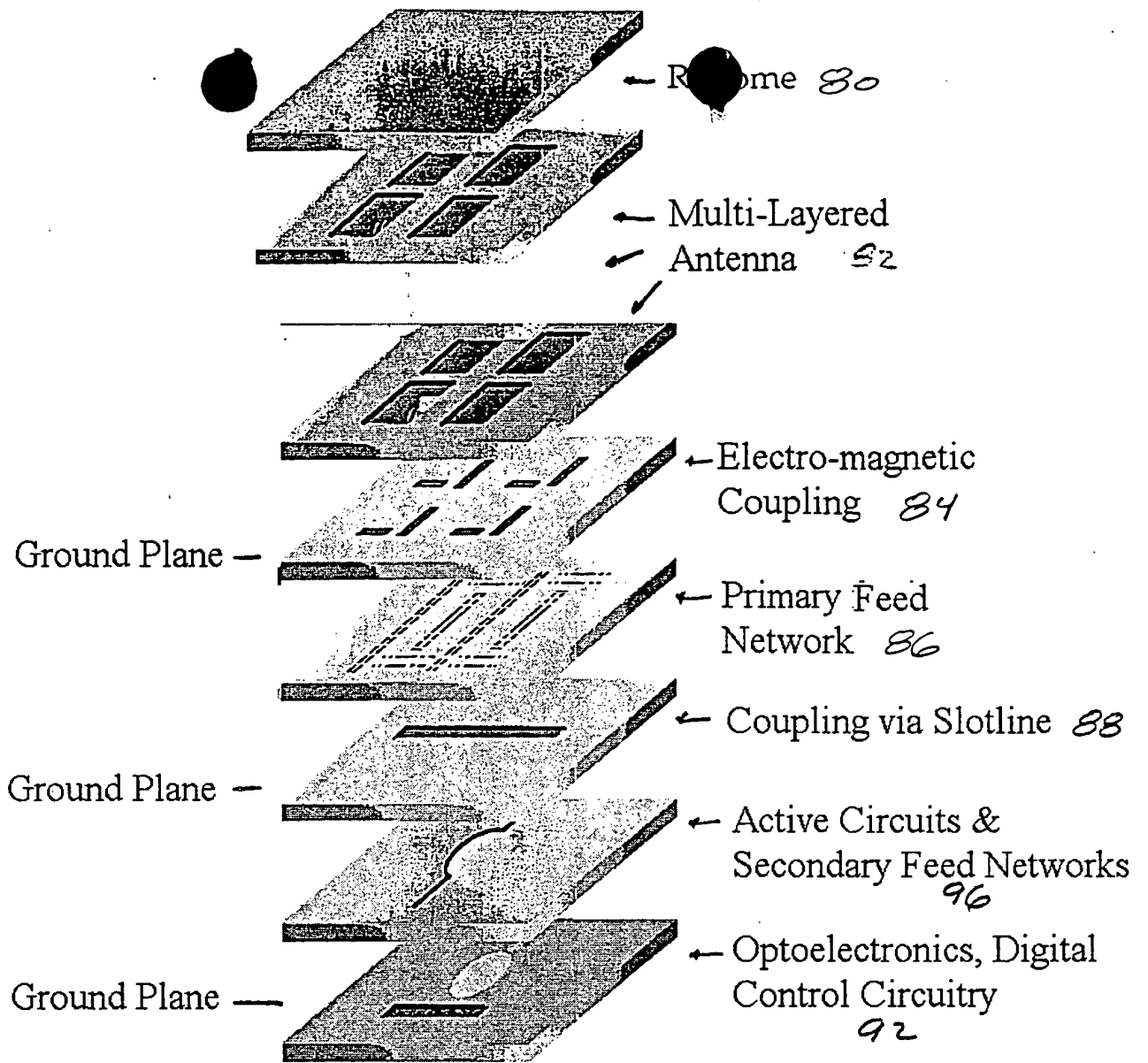


FIG. 6B

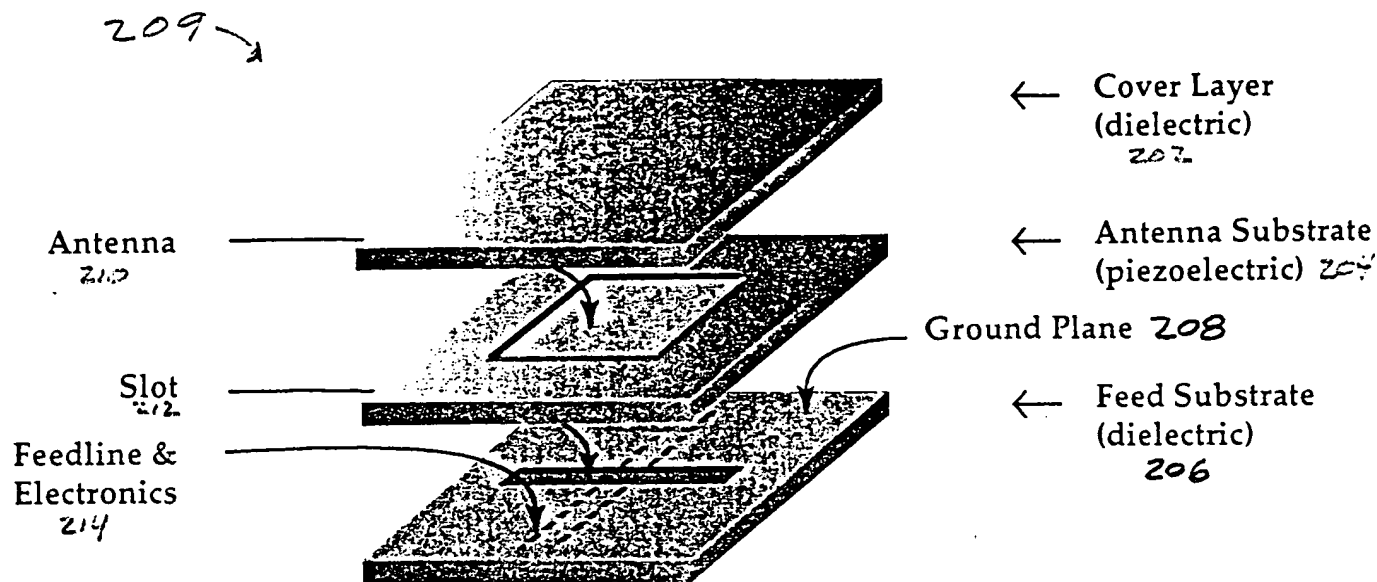


FIG. 7

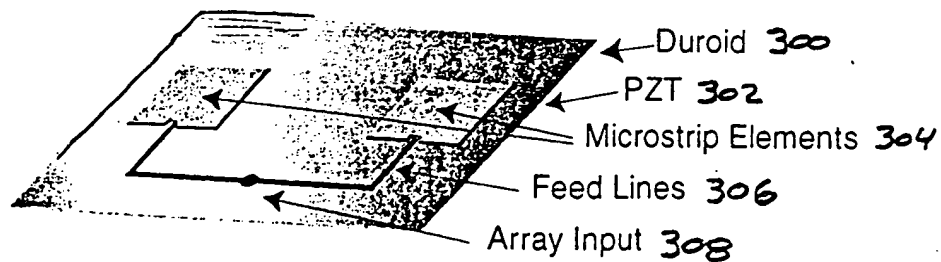
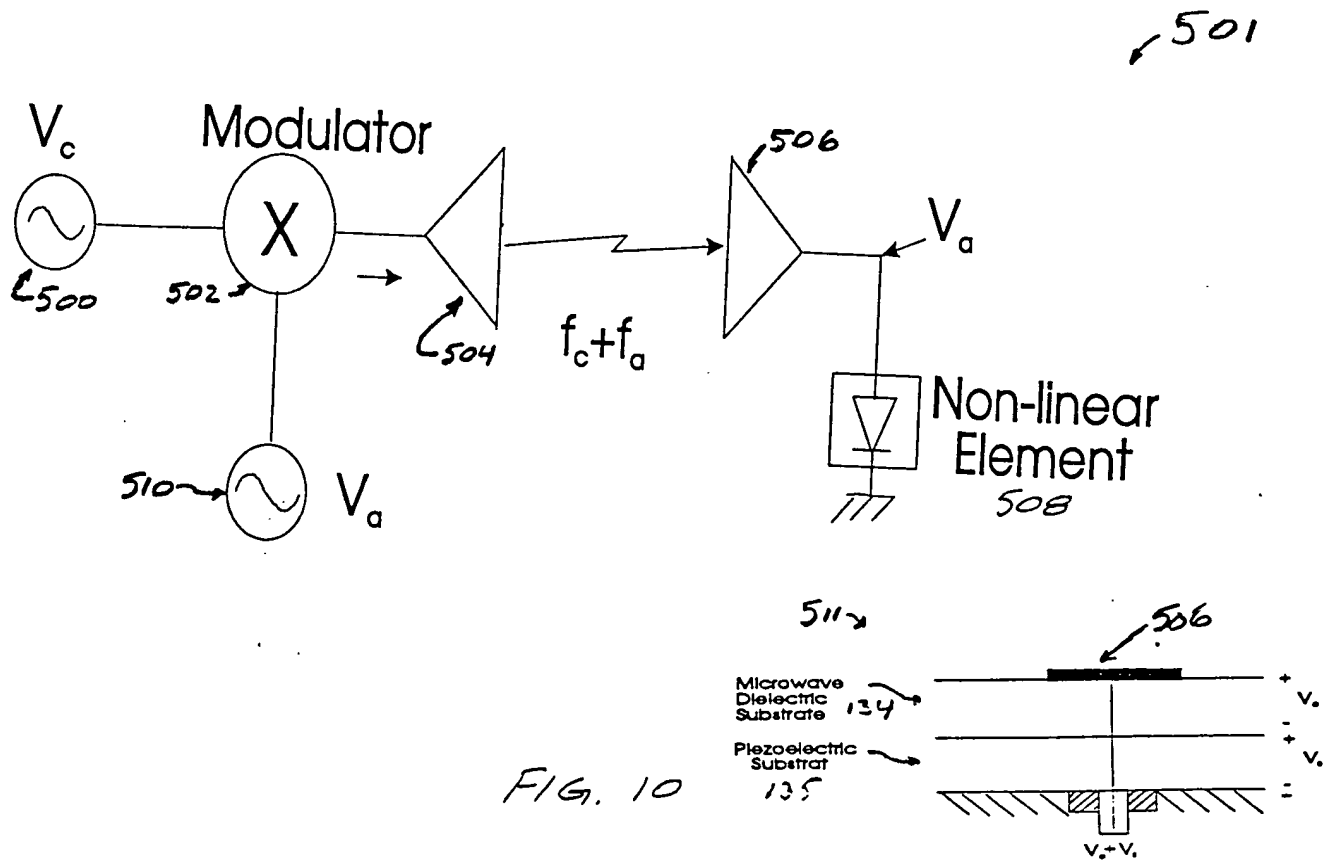
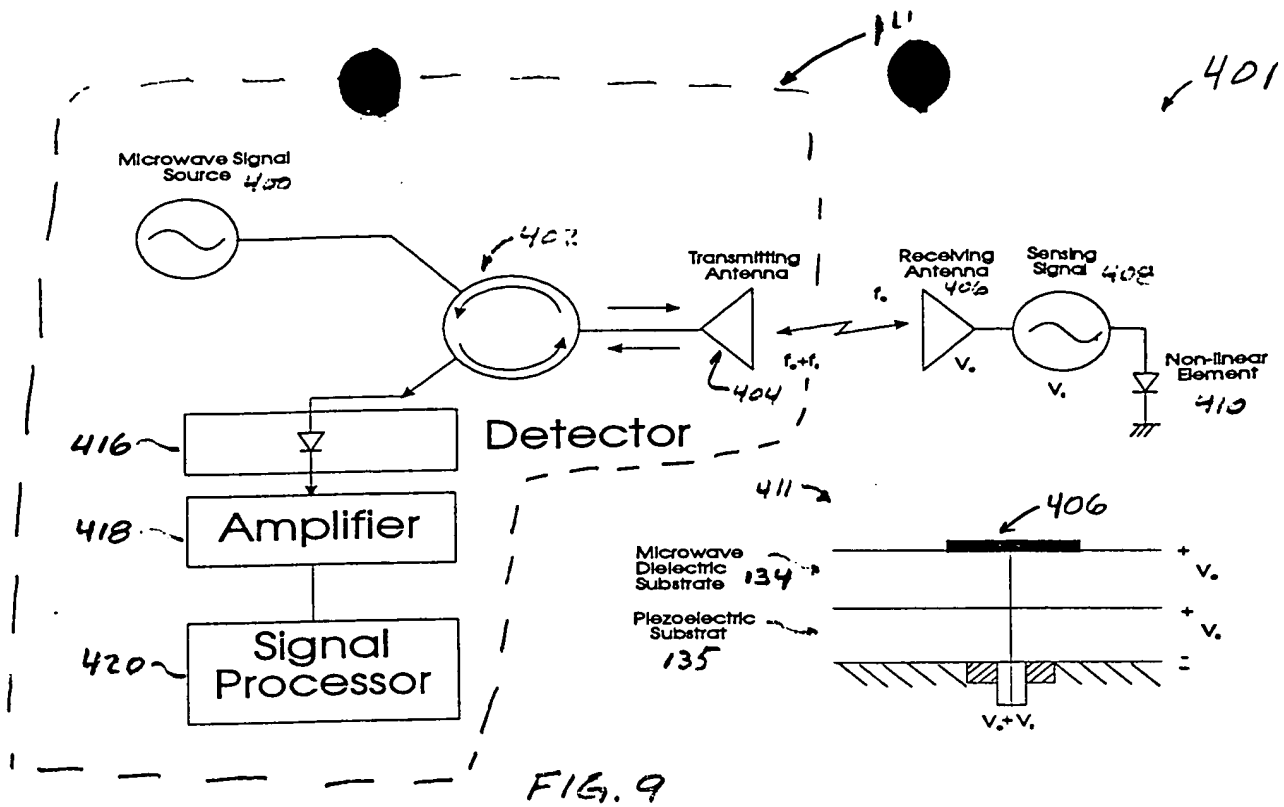


FIG. 8



601

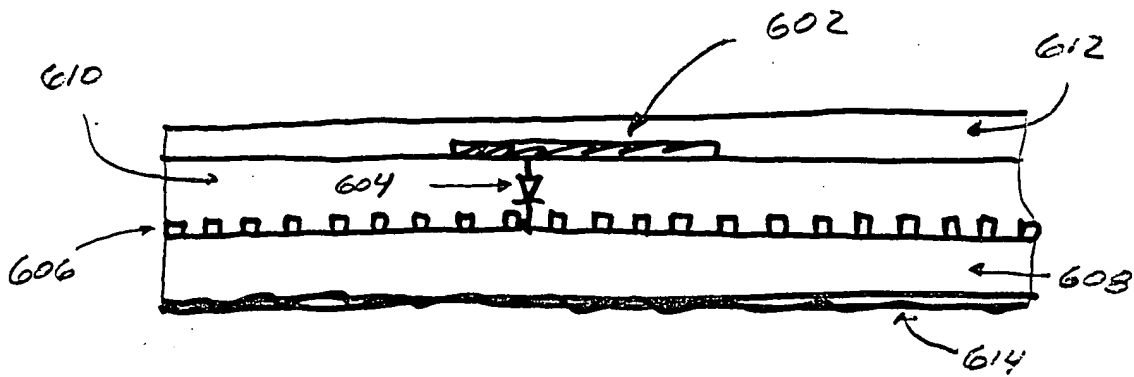


FIG. 11A

601

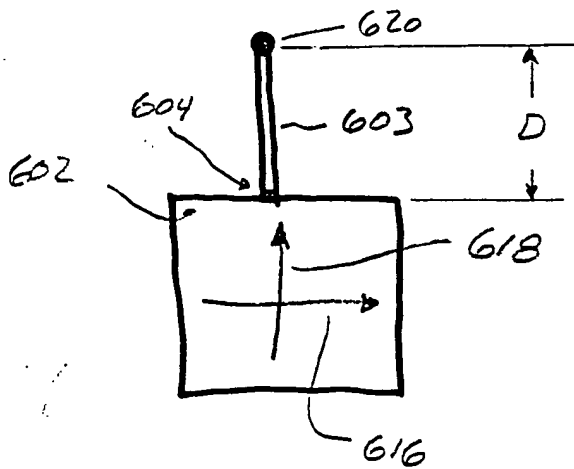


FIG. 11B